



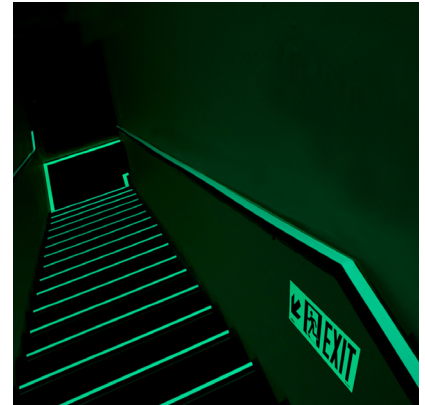
Jalite Rigid PVC Stair Leading Edge Markings

Conditions of Use for Jalite Rigid PVC Leading Edge Markings

Jalite rigid PVC leading edge markings are intended to be installed in environments with a charging source of light. The luminance performance of the Jalite material will be affected by the type of light, amount of light, and duration of the light source that charges it. In order to properly charge, the light cannot be blocked from reaching the surface of the Jalite product so the Jalite products should be kept clean. Jalite products should NOT be subjected to harsh cleaning solutions or mechanical equipment; they should be cleaned by hand with a soft cloth and a mild rinseless cleaner, and immediately dried. Jalite stair leading edge markings should be installed in environments that have a relatively constant temperature between 40°F–85°F and should not be subjected to continuous immersion in water for more than 24 hours.

Products installed in stairwells shall be installed in stairwells intended for emergency evacuation only (i.e. stairwells that are not used as transit routes or main traffic routes).

For New York City installations, products shall be installed in locations according to the NYC Building Code RS 6–1.



Installation Instructions

Jalite stair leading edge markings need to be installed carefully onto flat smooth clean surfaces. The aggressive adhesive used on this product means once it is laid down, it should NOT be taken up and re-laid down. If an error is made during installation and the product needs to be lifted up, discard it. To avoid such waste, it is important that you lay the product down right the first time.

Note: For NYC RS 6–1 compliance for existing buildings, the marker should be installed so the photoluminescent edge is within 1" of the stair's leading edge and to within 2" from the sides of the steps. For buildings approved after Jan. 1, 2005, the marking should be installed to within 1/2" of the step's leading edge and must go across the entire length of the step.

Step 1. Remove all loose paint and debris on the step where the product will be installed. Thoroughly clean the surface with whatever means are necessary to achieve a clean surface. Then wipe the surface with a clean cloth and denatured alcohol and allow it to completely dry.

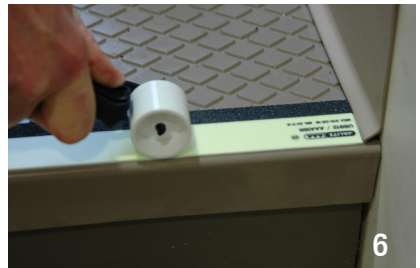
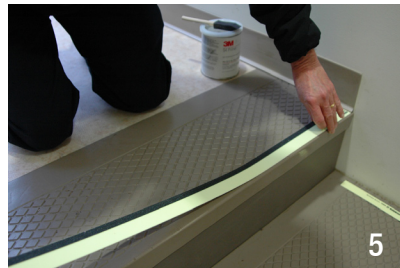
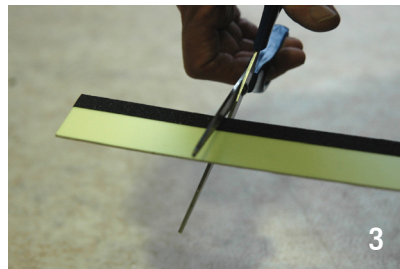
Step 2. Using 3M Adhesive primer, apply the primer to the step where the product will be installed. Allow to dry (typically 5 minutes).

Step 3. If necessary, cut the marking to the proper length. DO NOT cut off the end of the marking which shows the Jalite logo, part number and coding.

Step 4. Remove the product's peel-off backing. You may want to only remove a portion of the backing if you are installing a long length of product.

Step 5. The photoluminescent edge is positioned near the step's leading edge as shown in figure 5. Keeping the far end of the product held high up off the surface of the step (12 inches or so), position and adhere the other end of the product onto the step, making sure to line it up squarely on the step's top surface. Slowly press the product down across the length of the step, making sure to keep it in line with the step's edge.

Step 6. Use a roller to press down the adhesive backing firmly across the entire length of the product.





Jalite AAA Rigid PVC Products- Technical Data

Test Specifications of Jalite AAA Rigid PVC Material

Note that the Jalite AAA Rigid PVC warranted specifications listed below ensure that the product's physical characteristics will meet the New York City Building Code's RS 6-1 Standard during the warranty period.

Luminance Performance (Brightness Rating):

Test Standard: ISO 17398:2004,
Warranted Brightness Rating (2 foot candle 2 hour 4000-4200K charging light source): 10 minutes: 30mcd, 60 minutes: 7mcd, 90 minutes: 5mcd (Lab/Test Report: Intertek Testing Services NA, Inc./ Project No. 3077455-001, June 2, 2005)

Washability:

Meets ASTM D 4828-1994 (2003) a rating of 10 for all 6 types of soil and stains (Lab/Test Report: Professional Testing Inc./ No.: 095155 - 4/20/2005)

Toxicity:

Bombardier SMP 800-C Toxic Gas Generation - Does not exceed critical concentration values (Lab/Test Report: The Govmark Organization, Inc. / Project No.: 2-56721-0 - 4/26/2005)

Radioactivity:

ASTM D 3648-2004 -Found to be non-radioactive (all Jalite products are non-radioactive) (Lab/Test Report: California Institute of Electronics and Materials Science / Project No.: 850840592 - 4/28/2005)

Flame Spread:

ASTM E 162-2002 - Material passed, found to be self-extinguishing (Lab/Test Report: California Institute of Electronics and Materials Science / Project No.: 850840592 - 4/28/2005)

Smoke Generation:

ASTM E 662-03 Smoke Density (Flaming and Non-Flaming). Average maximum smoke densities of 369 Dmc and 252 Dmc respectively. (Lab/Test report: Professional Testing Laboratory Inc / Project No.: 096952 8/23/2005)

Warranty *Jalite products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Jalite warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Jalite's satisfaction to have been defective at the time Jalite sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any obligations or liability on Jalite's part. Under no circumstances will Jalite be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Jalite's products.*